

ABSTRACT

5       The method for producing an aldehyde or ketone  
compound from a corresponding primary or secondary  
alcohol at relatively high temperature within a short  
time with a high yield comprises a step (1) of reacting a  
sulfoxide compound with an activating agent to produce an  
activation reaction product; a step (2) of reacting the  
activation reaction product with a primary or secondary  
10       alcohol to produce an alkoxysulfonium salt; and a step  
(3) of reacting the reaction product with a base to  
produce an aldehyde or ketone; wherein at least one of  
the steps, preferably the step (1) and step (2), are  
carried out by using a microreactor.